Бпауте	Principal Lesion Class Recognized	Lesions Recognized	
E. coli formamidopyrimidine-DNA	Oxidized	FaPyAdenine, FaPyGuanine, C8-oxoGuanine, some abasic	
glycosylase (Fpg Protein)	purines	sites, C8-oxoAdenine and to a lesser extent, other	
		modified purines (FaPy = 2,6-diamino-4-hydroxy-5-N-	
		methylformamido-pyrimidine). [1,2,3,4,5]	
E. coli Nth protein (Endonuclease III)	Oxidized	Thymine residues damaged by ring saturation,	
	pyrimidines	fragmentation, or ring contraction, including 5,6-	
		dihydrothymine, thymine glycol, urea, 5-hydroxy-5-	
		methyl hydantoin, DNA damaged at guanine sites, and	
		some abasic sites. [4,5,6,7]	
E. coli Nfo protein (Endonuclease IV)	Abasic sites	Several types of abasic sites, including oxidized	1/
		abasic sites, abasic sites modified with alkoxyamines,	5
		and DNA containing urea residues. [8,9]	
	Agentus commence and a second		

5-hydroxycytosine and 5-hydroxy-2'-deoxyuridine are substrates for Ppg protein and Nth protein, but neither is formed at significant levels during aerobic irradiation.

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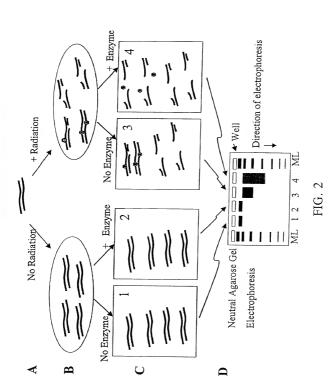
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TORKETTE THATE

FIG. 3

